L Number	Hits	Search Text	DB	Time stamp
1	1	"20020030200" and L	USPAT; US-PGPUB;	2003/06/26 11:27
2	1	"6555403" and L	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/06/26
3	1	"20020030200" and length	DERWENT; IBM_TDB USPAT;	2003/06/26
			US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	11:27
4	813	(372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/26
5	0	((372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain) ) and ((cavity or resonan\$4) with length with than)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/26 11:31
6	264	((372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain) ) and ((cavity or resonan\$4) with length)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/26
7	10	(Ohkubo near Michio) and ((cavity or resonan\$4) with length)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/26 11:58
8	224	GaN and ((cavity or resonan\$4) with length)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/26 11:59
9	190	(GaN and ((cavity or resonan\$4) with length) ) not (((372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain) ) and ((cavity or resonan\$4) with length) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/26 11:59
-	8	"944186"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/24 15:55
_	0	"944186" and "threshod mode gain"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/24 15:56
-	1	"944186" and "threshold mode gain"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/24 16:04
-	1	"944186" and "differential gain"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/24 16:14

-	1	"threshold mode gain" and (laser or lasers) and "differential gain"	USPAT; US-PGPUB;	2003/06/24 16:15
			EPO; JPO; DERWENT; IBM TDB	
-	5	(internal with mirror with loss\$2) and	USPĀT;	2003/06/24
		(laser or lasers) and "differential gain"	US-PGPUB; EPO; JPO;	16:26
- -			DERWENT; IBM TDB	
_	5	(internal with mirror with (loss or	USPĀT;	2003/06/24
		losses)) and (laser or lasers) and "differential gain"	US-PGPUB; EPO; JPO;	16:29
		differencial gain	DERWENT;	
_	6	(internal with mirror with (loss or	IBM_TDB USPAT;	2003/06/24
		losses)) and (laser or lasers) and	US-PGPUB;	16:32
		(differential near2 (gain or gains))	EPO; JPO; DERWENT;	
	750	(large on large) and (differential	IBM_TDB USPAT;	2003/06/24
_	759	<pre>(laser or lasers) and (differential near2 (gain or gains))</pre>	US-PGPUB;	16:46
			EPO; JPO; DERWENT;	
			IBM_TDB	0000 (00 (04
-	144	<pre>( (laser or lasers) and (differential near2 (gain or gains))) and (threshold</pre>	USPAT; US-PGPUB;	2003/06/24
		with (loss\$2 or gain\$1))	EPO; JPO; DERWENT;	
			IBM_TDB	
-	2	(microscop\$4 with fluctuat\$5) and (laser or lasers) and (differential	USPAT; US-PGPUB;	2003/06/24
		near2 (gain or gains))	EPO; JPO;	10.10
			DERWENT; IBM TDB	
_	156	<b>,</b> , , , , , , , , , , , , , , , , , ,	USPAT;	2003/06/24
		(laser or lasers)	US-PGPUB; EPO; JPO;	17:00
			DERWENT; IBM TDB	
_	7		USPĀT;	2003/06/24
		(laser or lasers) ) and (threshold and gain\$1 and loss\$2)	US-PGPUB; EPO; JPO;	16:53
		<b>342.172</b> aa 2333,3,	DERWENT;	
_	14		IBM_TDB USPAT;	2003/06/24
		(laser or lasers) ) and ( gain\$1 and loss\$2)	US-PGPUB; EPO; JPO;	16:53
			DERWENT;	
-	3	((microscop\$4 with fluctuat\$5) same	IBM_TDB USPAT;	2003/06/24
		(quantum near3 well\$1)) and (laser or	US-PGPUB; EPO; JPO;	17:19
		lasers)	DERWENT;	
	4	"10012969"	IBM_TDB USPAT;	2003/06/24
_	4	15512555	US-PGPUB;	17:08
			EPO; JPO; DERWENT;	
		//	IBM_TDB USPAT;	2003/06/25
-	8	((composition with fluctuat\$5) same (quantum near3 well\$1)) and (laser or	US-PGPUB;	11:50
		lasers)	EPO; JPO; DERWENT;	
			IBM_TDB	0000 (05 (05
-	54	((composition near3 (indium orIn)) same (quantum near3 well\$1)) and (laser or	USPAT; US-PGPUB;	2003/06/25
		lasers)	EPO; JPO; DERWENT;	
			IBM_TDB	

		100			0000/06/05
	-	192	((composition near3 (indium or In))	USPAT;	2003/06/25
-					12:02
Composition near3 (indium or In)   Same (quantum near3 well\$1) and (laser or lasers)   and (modal near gain)   Same (quantum near3 well\$1)   and (laser or lasers)   13:47   USP-GFUB;   13:47   USP-GFUB;   13:47   USPAT;   USPAT;   USPAT   13:46   USPAT   13:46   USPAT   13:46   USPAT   USPAT   13:46   USPAT			or lasers)		:
-					
		2	///composition none2 /indium or In))		2003/06/25
Or lasers) and (modal near gain)   EPO; JPO;   DERWENT;   IBM TDB   USPAT   2003/06/25   15:2663964"   "5923690"   "9963787"   USPAT   2003/06/25   15:2663964"   "5923730"   "6015979"   "6017807").PN.   USPAT	_	۷ ا			
10				1	13.47
10			of lasers) / and (modal hear gain)	1	
10				1	
"5928684"   "5923690"   "5963787"   12:06		10	/"E2/7533"   "5359999"   "579305/"		2003/06/25
"S966396"   "5972730"   "6015979"   "6017807").PN. ("5247533"   "5358898"   "5793054"   "582664"   "592730"   "59613979"   "596396"   "5972730"   "5015979"   "596396"   "5972730"   "5015979"   "6017807").PN.  0 (photo\$1luminescence near3 peak\$1 near3 distribution) and (laser or lasers) and (modal near gain)  - 0 (photo\$1luminescence near3 peak\$1 near3 distribution) and (laser or lasers) and (modal near gain)  - 0 (photo\$1luminescence near3 peak\$1 near3 distribution) and (laser or lasers) and (modal near gain)  - 1 (photo\$1luminescence near3 peak\$1 near3 distribution) and (laser or lasers) - 2 ((photo\$1lumines\$5 or PL) near3 peak\$1 near3 distribution) and (laser or lasers) - 3 ((photo\$1lumines\$5 or PL) near3 peak\$1 near3 distribution) and (laser or lasers) - 90 (GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) - 2 ("4088964"   "6437372").PN.  - 2 ("4088964"   "6437372").PN.  - 3 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (facet\$1) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (facet\$1) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) - 1207 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser o	_	10		OSFAI	
"6017807").PM.					12.00
-   10					
"5928644"   "5923690"   "5963787"   "5963787"   "5963786"   "5972730"   "6017807")   N.	_	10	("5247533"   "5358898"   "5793054"	USPAT	2003/06/25
"5966366"   "5972730"   "6015979"   "6017807"   PN. (phto\$1luminescence near3 peak\$1 near3 distribution) and (laser or lasers)   USPAT; US-PGPUB; and (modal near gain)   USPAT; USPAT; USPGPUB; and (modal near gain)   USPAT; und (laser or lasers) ) not ((GaN or inGaN o		1			1 '
"6017807").PN. (phto\$1luminescence near3 peak\$1 near3 distribution) and (laser or lasers)   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB distribution) and (laser or lasers)   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB distribution) and (laser or lasers)   USPAT; USP				:	
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distribution and (laser or lasers)	_	l 0		USPAT;	2003/06/25
and (modal near gain)    Composition   Compo				US-PGPUB;	13:49
Composition					
Composition			<b>,</b> ,	DERWENT;	
distribution   and (laser or lasers)   BEPC; JPO; DERWENT;   IBM TDB   USPĀT;   US				IBM_TDB	
distribution  and (laser or lasers)   US-PGPUB;   EPO; JPO; DERWENT; IBM_TDB   USPĀT;   US-PGPUB;	-	0	(photo\$11uminescence near3 peak\$1 near3	USPĀT;	2003/06/25
DERWENT;   IBM TDB   2003/06/25   13:53   2003/06/25   13:53   2003/06/25   13:53   2003/06/25   13:53   2003/06/25   13:53   2003/06/25   13:53   2003/06/25   13:53   2003/06/25   2003			distribution) and (laser or lasers)	US-PGPUB;	13:49
Composition					
3				1	
distribution   and (laser or lasers)					
To the composition of the content	-	3			1
Topic   Compare   Compar			distribution) and (laser or lasers)		13:53
Total Control of the control of th					
Total control of the cost of					
near3 distribution   and (laser or lasers)   13:56					
Lasers     EPO; JPO; DERWENT; IBM_TDB   USPAT;   USPAT;   USPAT   US	-	7			I .
Ocan or ingan or Inalgan) and (mirror with coat\$4 with reflect\$4) and (laser or lasers)					13:56
- 90 (GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers)  - 2 ("4088964"   "6437372").PN.  - 2 ("4088964"   "6437372").PN.  - 55 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) )  - 1207 (GaN or inGaN or lasers) )  - 1208 (GaN or inGaN or lasers)    - 1208 (GaN or inGaN or lasers)    - 1208 (GaN or inGaN or l			lasers)		
- 90 (GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers)  - 2 ("4088964"   "6437372").PN.  - 2 ("4088964"   "6437372").PN.  - 55 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 23 (GaN or inGaN or InAlGAN) and (facet\$1 USPAT; USPA					
With coat\$4 with reflect\$4) and (laser or lasers)			(G.M. and Jackson Table (Table) and (minner		2002/06/25
or lasers)  - 2 ("4088964"   "6437372").PN.  - 55 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) )  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) )  - 23 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 23 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 24 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 25 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 26 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 27 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 28 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 39 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 40 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 40 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 41 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)  - 42 (GaN or inGaN or InAlGAN) and (facet\$1 WS-PGPUB; laser)	-	90	(Gan or ingan or inalgan) and (mirror	1 -	
- 2 ("4088964"   "6437372").PN.  - 55 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) )  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) USPAT; USPAT; USPAT; 2003/06/25 usPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPA					14.45
- 2 ("4088964"   "6437372").PN.  - 55 (GaN or inGaN or InAlGAN) and (facet\$1 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; or lasers) ) not ((GaN or inGaN or InGaN or InGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) EPO; JPO; InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) IBM_TDB USPAT; US-PGPUB; and (laser or lasers) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; I5:26			or lasers)		
- 2 ("4088964"   "6437372").PN. USPĀT   2003/06/25   14:44   2003/06/25   14:44   2003/06/25   2					
- S5 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or inGaN or inGaN or inAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) IBM_TDB USPAT; 14:46  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) IBM_TDB USPAT; 2003/06/25 uspat; 14:52  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2003/06/25 uspat; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; US-PG	1_	2	("4088964"   "6437372") PN		2003/06/25
- 55 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or inGaN or inGaN or inGaN or inGaN or inGaN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) DERWENT; reflect\$4) and (laser or lasers) ) DERWENT; reflect\$4) and (laser or lasers) ) USPAT; 2003/06/25 uspat; laser or lasers)  - 1207 (facet\$1 with coat\$4 with reflect\$4) uspat; laser or lasers) USPAT; land (laser or lasers) USPAT; land (laser or lasers) uspat; laser or lasers) laser or lasers) uspat; laser or laser			1 100001   0301012   11111		
with coat\$4 with reflect\$4) and (laser or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) IBM_TDB of InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers)   IBM_TDB of InAlGAN	1 -	55	(GaN or inGaN or InAlGAN) and (facet\$1	USPAT;	1
or lasers)  - 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) )  - 1207 (facet\$1 with coat\$4 with reflect\$4)			with coat\$4 with reflect\$4) and (laser	1	1 ' '
DERWENT; IBM_TDB USPAT; with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) ) I207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers)  - 23 (GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with mirror) and (laser or US-PGPUB; with coat\$4 with mirror) and (laser or US-PGPUB; berwent; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 15:26					)
- 39 ((GaN or inGaN or InAlGAN) and (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) )  - 1207 (facet\$1 with coat\$4 with reflect\$4) and (laser or lasers) USPAT; and (laser or lasers) USPAT; US-PGPUB; EPO; JPO; DERWENT; and (laser or lasers) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; With coat\$4 with mirror) and (facet\$1 USPAT; USPAT			· ·	;	]
with coat\$4 with reflect\$4) and (laser or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) )  1207 (facet\$1 with coat\$4 with reflect\$4) USPAT; and (laser or lasers) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  1208 (GaN or inGaN or InAlGAN) and (facet\$1 USPAT; US					
or lasers) ) not ((GaN or inGaN or InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers) )  1207 (facet\$1 with coat\$4 with reflect\$4) USPAT; and (laser or lasers) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  23 (GaN or inGaN or InAlGAN) and (facet\$1 USPAT; USPAT; usth coat\$4 with mirror) and (laser or US-PGPUB; 15:26	-	39	((GaN or inGaN or InAlGAN) and (facet\$1	1	1
InAlGAN) and (mirror with coat\$4 with reflect\$4) and (laser or lasers)   IBM_TDB   USPAT; and (laser or lasers)   US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; and (laser or lasers)   US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; with coat\$4 with mirror) and (facet\$1 USPAT; US-PGPUB; 15:26					14:46
reflect\$4) and (laser or lasers)   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   USP					
- 1207 (facet\$1 with coat\$4 with reflect\$4) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USP				1	
and (laser or lasers)  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; With coat\$4 with mirror) and (laser or US-PGPUB; 14:52			reflect\$4) and (laser or lasers) )		2002/25/25
EPO; JPO; DERWENT; IBM_TDB  Gan or inGan or InAlGAN) and (facet\$1 USPAT; 2003/06/25 with coat\$4 with mirror) and (laser or US-PGPUB; 15:26	-	1207		1	1
DERWENT; IBM_TDB Gan or inGan or InAlGAN) and (facet\$1 USPAT; with coat\$4 with mirror) and (laser or US-PGPUB; 15:26			and (laser or lasers)		14:52
- 23 (GaN or inGaN or InAlGAN) and (facet\$1 USPAT; 2003/06/25 with coat\$4 with mirror) and (laser or US-PGPUB; 15:26					
- 23 (GaN or inGaN or InAlGAN) and (facet\$1 USPAT; 2003/06/25 with coat\$4 with mirror) and (laser or US-PGPUB; 15:26					
with coat\$4 with mirror) and (laser or US-PGPUB; 15:26		22	(CON or incon or Indican) and (faceted		2003/06/25
WISH 60007 : WISH (IIII )	-	23		1	1
lasers) EPO; JPO;				EPO; JPO;	13.20
Tasers) DERWENT;			Tabelb		
IBM TDB					
- 13 (GaN or inGaN or InAlGAN) and (laser USPAT; 2003/06/25	_	13	(GaN or inGaN or InAlGAN) and (laser		2003/06/25
or lasers) and (substrate with (surface US-PGPUB; 15:33				1	
near2 dislocation near density)) EPO; JPO;				1	
DERWENT;				1	
IBM TDB				•	

					2000105/05
Sapphire same (substrate with (surface near2 dislocation near density))	1 -	6	sapphire with (substrate with (surface	USPAT;	2003/06/25
- 7 sapphire same (substrate with (surface near2 dislocation near density)) - 26 sapphire and (substrate with (surface near4 dislocation near2 density)) - 26 sapphire with (substrate with (surface near4 dislocation near2 density)) - 27 sapphire with (substrate with (dislocation near2 density)) - 28 sapphire with (substrate with (dislocation near2 density)) - 29 sapphire with (surface with (dislocation near2 density)) - 19 sapphire with (surface with (dislocation near2 density)) - 20 sapphire with (surface with (dislocation near2 density)) - 20 sapphire with (surface near2 dislocation near2 density)) - 3 sapphire with (surface near2 dislocation near density) - 4 sapphire with (surface near2 dislocation near density) - 5 sapphire with (surface near2 dislocation near2 density) - 6 sapphire with (surface near2 dislocation near2 density) - 7 sapphire with (surface near2 dislocation near2 density) - 8 sapphire with (surface near2 dislocation near2 density) - 9 sapphire with (surface near2 dislocation near3 density) - 10 sapphire with (surface near2 dislocation near3 density) - 11 (GaN with substrate) same ((substrate spro, spor,			near2 dislocation near density))		16:04
Sapphire same (substrate with (surface near2 dislocation near density))					ļ
203/06/25   15:59				-	
		_			2003/06/25
Bero, JPO;   DERWENT;   IBM TDB   USPAT;   USP	_	′			
DERWENT; IBM TDB USPAT; USPACE USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPACE USPACE USPAT; USPACE USPAT; USPACE			nearz dislocation hear density);		15.59
189 TDB   189					
26   sapphire and (substrate with (surface near4 dislocation near2 density))				· ·	
15:37   15:3	ļ	2.0			2002/06/25
- 62 sapphire with (substrate with (dislocation near2 density))  - 19 sapphire with (surface with (dislocation near2 density))  - 19 sapphire with (surface with (dislocation near2 density))  - 19 sapphire with (surface with (dislocation near2 density))  - 10 sapphire with (surface with (dislocation near2 density))  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "20020030200" and (surface near2 (dislocation near density)  - 10 "200200306/25 (dislocation near density)  - 10 "200200306/25 (dislocation near density)  - 10 "200200306/25 (dislocation near density)  - 2003/06/25 (dislocation near density)  - 2003/0	-	26	sappnire and (substrate with (surface		
Sapphire with (substrate with (supart with (substrate with (substrate))   SPAT: US-PGPUB: EPO, JPO; DERWENT; IBM TDB (spatial)   USPAT: US-PGPUB: EPO, JPO; DERWENT; IBM TDB (uspatial)   USP			near4 distocation hearz density))		15.57
Sapphire with (substrate with (signature)   Sapphire with (surface maint)   Sapphire with (surface with (signature)   Sapphire with (signature)   Sapphire with (surface with (signature)   Sapphire					
- 62 sapphire with (substrate with (dislocation near2 density))  - 19 sapphire with (surface with (dislocation near2 density))  - 19 sapphire with (surface with (JEAT: US-PGPUB; EPO, JPO; DENEMENT; IBM TDB USPAT: US-PGPUB; EPO, JPO; DENEMENT; IBM					i
19		62	complies with /cubetrate with		2003/06/25
Sapphire with (surface with (dislocation near2 density)   US-PGPUB; 18:52   15:52	-	62			
DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   U			(dislocation hearz density))		13.31
19   sapphire with (surface with (dislocation near2 density)   USPAT: USPAGE   USP					
19   sapphire with (surface with (dislocation near2 density))					
dislocation near2 density)		10	eannhire with /eurface with	· —	2003/06/25
1	-	19	dislocation near? density)	1	
DERMENT: IBM TDB USPAT: US-PGPUB; EPO: JPO: DERMENT: IBM TDB USPAT: US-PGPUB; IBM TDB USPAT: US-PGP			(distocation heatz density))		10.02
1					
1					
dislocation near density    US-PGPUB;   EPO; JPO;   DERWENT;   IBM TDB   USPAT;		1	"20020030200" and (surface near?		2003/06/25
EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM	-	1		1	
B   GaN with (substrate with (surface near2 dislocation near density))			distocación near density/	1	
B GaN with (substrate with (surface near2 dislocation near density))					
San with (substrate with (surface near2 dislocation near density))				1	
dislocation near density)	_	R	GaM with (substrate with (surface near2)		2003/06/25
Can near3 substrate	_	J			•
Can near3 substrate   with (surface near3 dislocation near2 density)   DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO;			distocation hear density//		
Can near3 substrate   with (surface near3 dislocation near2 density)					
GaN near3 substrate) with (surface near3 dislocation near2 density)				1	
near3 dislocation near2 density   US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; US-PGPUB; EFO; JPO; JPO; DERWENT; US-PGPUB; EFO; JPO; DERWENT; US-P	_	3	(GaN near3 substrate) with (surface		2003/06/25
Can with substrate   same ((substrate or nitride or GaN) with (surface near4 dislocation near3 density))   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JP				US-PGPUB;	16:12
Table			110410 41101111111111111111111111111111	EPO; JPO;	
Can with substrate or nitride or GaN) with (surface near4 dislocation near3 density))				DERWENT;	
or nitride or GaN) with (surface near4 dislocation near3 density))  16:13  3409 (257/13-18, 79, 85, 94-97).ccls.  1837 ((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)  1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  1087 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  1089 (((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  1090 (((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  1090 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  1090 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  1090 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; J				IBM_TDB	
or nitride or GaN) with (surface near4 dislocation near3 density))  - 3409 (257/13-18, 79, 85, 94-97).ccls.  - 1837 ((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)  - 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 (((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing) and (USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US	_	11	(GaN with substrate) same ((substrate		2003/06/25
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO			or nitride or GaN) with (surface near4	US-PGPUB;	16:13
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			dislocation near3 density))	1 '	)
- 3409 (257/13-18, 79, 85, 94-97).ccls. USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;					2222455
The content of the	-	3409	(257/13-18, 79, 85, 94-97).ccls.		1
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;				II.	16:36
- 1837 ((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)  - 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 (((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  - 46 372/43-50    IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; IBM_				1	1
- 1837 ((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)  - 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  46 372/43-50  USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;				I.	
(GaN or nitride or III or InGaN or Gallium)  - 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  46 372/43-50  16:36  EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT;		1			2002/06/25
Gallium)  - 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  - 46 372/43-50  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	1837	((257/13-18, 79, 85, 94-97).ccls.) and		T T
- 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  DERWENT; IBM_TDB USPAT; 2003/06/25 19:07  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			1 "		10:30
- 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;		1	Gallium)	i	
- 1087 (((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  - 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  1087 (((257/13-18, 79, 85, 94-97).ccls.) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
((GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)  ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  46 372/43-50  ((((257/13-18, 79, 85, 94-97).ccls.) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; IBM_TDB U			///257/12 10 70 05 04 07\7-	_	2003/06/25
Gallium)) and (laser or lasing)  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	-	1087	(((25//13-18, /9, 85, 94-9/).ccis.) and	1	
- 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			(Gan or nitride or ill of ingan or	1	10.37
- 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			Gaillum)) and (laser or lasing)		
- 629 ((((257/13-18, 79, 85, 94-97).ccls.) and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  - 46 372/43-50  USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT;		1		1	
and (GaN or nitride or III or InGaN or Gallium)) and (laser or lasing)) and (threshold or gain or loss)  46 372/43-50  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT; DERWENT; DERWENT; DERWENT;		(20	////257/13_18 70 85 94_97\ ccle \		2003/06/25
Gallium)) and (laser or lasing)) and (threshold or gain or loss)  46 372/43-50  Gallium)) and (laser or lasing)) and DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	629	and (CaN or mitride or III or InCan or	1	1
(threshold or gain or loss)  DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			(Gallium) and (lager or laging) and	1	
- 46 372/43-50   IBM_TDB   USPAT;   2003/06/25   US-PGPUB;   EPO; JPO;   DERWENT;		1		1	
- 46 372/43-50 USPĀT; 2003/06/25 US-PGPUB; EPO; JPO; DERWENT;			(chiteshord of gain of 1033)		
US-PGPUB; 19:07 EPO; JPO; DERWENT;	1_	16	372/43-50		2003/06/25
EPO; JPO; DERWENT;	-	"	3/2/33 33		
DERWENT;				1	
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-	12403	372/43-50.ccls.	USPAT;	2003/06/25
			US-PGPUB;	19:07
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2033	372/43-50.ccls. and (GaN or nitride or	USPAT;	2003/06/25
		III or InGaN or Gallium) and (laser or	US-PGPUB;	19:09
		lasing) and (threshold or gain or loss)	EPO; JPO;	
			DERWENT;	1
			IBM_TDB	1
-	809	(372/43-50.ccls. and (GaN or nitride or	USPAT;	2003/06/26
		III or InGaN or Gallium) and (laser or	US-PGPUB;	08:44
		lasing) and (threshold or gain or	EPO; JPO;	
		loss)) and (threshold and gain)	DERWENT;	
			IBM_TDB	
-	813	(372/43-50.ccls. and (GaN or nitride or	USPAT;	2003/06/26
		III or InGaN or Gallium) and (laser or	US-PGPUB;	11:29
		lasing) and (threshold or gain or	EPO; JPO;	
		loss)) and (threshold and gain)	DERWENT;	
			IBM_TDB	